

## 07.1–230 Removal and installation of injection nozzles

Job no. of flat rates or standard texts and flat rates data 07–6810 or 6830.

### Tightening torques

Nm

Injection nozzles

70–80

Injection lines

25

### Special tools

Box wrench socket open, 17 mm,  
1/2" drive for injection lines



000 589 68 03 00

Socket for injection nozzle  
27 mm, 1/2" drive



001 589 65 09 00

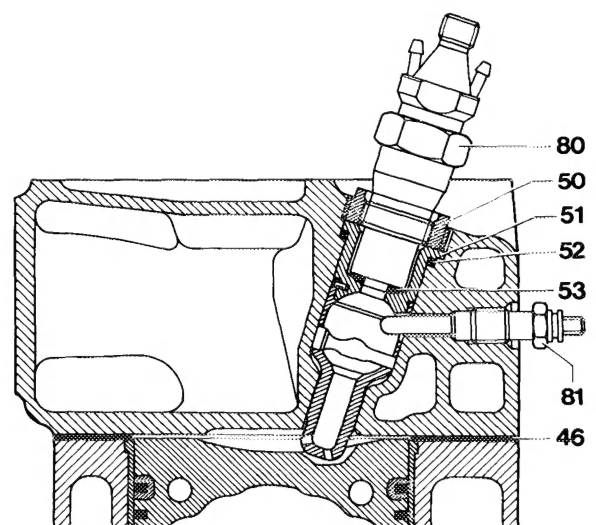
### Conventional tools

Torque wrench 1/2" drive, 40–130 Nm

Torque wrench 1/2" drive, 15–65 Nm

### Removal

- 1 Unscrew injection lines.
- 2 Detach leak-off fuel hoses and plug of 5th injection nozzle.
- 3 Unscrew injection nozzles using socket. If precombustion chamber collar comes undone, tighten all collars (05–117).
- 4 Withdraw nozzle plate (53).
- 5 Sight-check precombustion chamber. Direct flashlight into chamber and examine whether ball pin is in satisfactory condition.



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|--------------------------|-----------------------|
| 46 Cylinder head gasket  | 53 Nozzle plate       |
| 50 Collar                | 80 Injection nozzle   |
| 51 Precombustion chamber | 81 Pin-type glow plug |
| 52 Sealing ring          |                       |

1073-8020

### Installation

- 6 Install in reverse order, using new nozzle plates.  
Note tightening torques.